

In the Specification

Please amend the specification as follows:

[0005] The object is achieved by one advantageous embodiment ~~the method specified in Claim 1 and the apparatus specified in Claim 2~~ in which the heat-conducting medium is a mixture of at least two gases with very different thermal conductivities, and the mixture can be set individually on the two wide sides of the substrate. The mixture is set individually in such a manner that the prevailing surface temperature is time-controlled taking account of the prevailing total heat exchange via thermal radiation. In particular, the profile of the temperature during heating or cooling and its respective value on the two substrate wide sides are identical. Increased exchange via thermal radiation can be compensated for by using a gas mixture ratio in which the gas of poor thermal conductivity is dominant.